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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 1 of 10

Complete if Known	
Application Number	10/632,428-Conf. #4377
Filing Date	August 1, 2003
First Named Inventor	David Bebbington
Art Unit	1624
Examiner Name	D. R. Rao
Attorney Docket Number	030682.0001-US01

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /DR/

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Attorney Docket Number	030682.0001-US01

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	First Named Inventor	David Bebbington
(Use as many sheets as necessary)	Art Unit	1624
	Examiner Name	D. R. Rao
Sheet 3 of 10	Attorney Docket Number	030682.0001-US01

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	BO1	WO 02/22608	03/21/2002	Vertex Pharmaceuticals Incorporated		

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				Art Unit	1624
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Examiner Signature	/Deepak Rao/	Date Considered	03/31/2008

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. [1] Applicant's unique citation designation number (optional). [2] See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. [3] Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). [4] For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. [5] Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. [6] Applicant is to place a check mark here if English language Translation is attached.

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No.[1]	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T[2]
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	CA2	Hardt, S.E. et al., "Glycogen Synthase Kinase-3β - A Novel Regulator of Cardiac Hypertrophy and Development," Circulation Research, 90: 1055-1063 (2002).	
	CB2	Harrington, E.A. et al., "VX-680, a potent and selective small-molecule inhibitor of the Aurora kinases, suppresses tumor growth in vivo," Nat. Med., 10(3): 262-267 (2004).	
	CC2	Haworth, R.D. et al., "Synthetic antimalarials. Part XXVII. Some derivatives of phthalazine, quinoxaline, and isoquinoline", J. Chem. Soc., 777 – 782 (1948).	
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	CE2	Henriksen, E.J. et al., "Modulation of muscle insulin resistance by selective inhibition of GSK-3 in Zucker diabetic fatty rats," Am. J. Physiol. Endocrinol. Metab., 284: E892–E900 (2003).	
	CF2	Heutink, P., "Untangling tau-related dementia", Hum. Mol. Genet., 9(6): 979-986 (2000).	
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	CJ2	Jambhekar, S.S., "Biopharmaceutical Properties of Drug Substances" in Principles of Medicinal Chemistry, 4th ed., 12-24, (1995).	
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				Art Unit	1624
(Use as many sheets as necessary)				Examiner Name	D. R. Rao
Sheet	8	of	10	Attorney Docket Number	030682.0001-US01

	CP2	Kimura, M. et al., "Cell Cycle-dependent Expression and Centrosome Localization of a Third Human Aurora/Ipl1-related Protein Kinase, AIK3", J. Biol. Chem., 274(11), 7334-7340 (1999).	
	CQ2	Klein, P.S. et al., "A molecular mechanism for the effect of lithium on development", PNAS, 93: 8455-8459 (1996).	
	CR2	Layzer, R.B., "Section Five - Degenerative Diseases of the Nervous System" in Cecil Textbook of Medicine, 20th ed., 2: 2050-2057 (1996).	
	CS2	Lee, S.J. et al., "Discovery of Potent Cyclic GMP Phosphodiesterase Inhibitors. 2-Pyridyl- and 2-Imidazolylquinazolines Possessing Cyclic GMP Phosphodiesterase and Thromboxane Synthesis Inhibitory Activities," J. Med . Chem., 38 (18): 3547-3557 (1995).	
	CT2	Lovestone, S. et al., "Alzheimer's disease-like phosphorylation of the microtubule-associated protein tau by glycogen synthase kinase-3 in transfected mammalian cells", Curr. Biol., 4(12), 1077-86 (1994).	
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	CZ2	Masaki, T. et al., "pp60c-src Activation in Hepatocellular Carcinoma of Humans and LEC Rats", Hapatology, 27, 1257 (1998).	
	CA3	Massillon, D. et al., "Identification of the glycogenic compound 5-iodotubercidin as a general protein kinase inhibitor", Biochem J., 299: 123–128 (1994).	
	CB3	Medwid, Jeffrey B. et al., "Preparation of triazolo'1, 5-cipyrimidines as potential antiasthma agents," *J. Med. Chem.*, 33(4): 1230 -1241 (1990)	
	CC3	Molina, T.J. et al., "Profound block in thymocyte development in mice lacking p56lck", Nature, 357, 161-164 (1992).	
	CD3	Moodie, S.A. et al., "Complexes of Ras-GTP with Raf-1 and Mitogen-Activated Protein Kinase Kinase", Science, 260(5114), 1658-1661 (1993).	
	CE3	Moss, R.A. et al., "Conversion of 'Obstinate' Nitriles to Amidines by Garigipati's Reaction", Tetrahedron Lett., 36(48), 8761-8764 (1995).	
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	CH3	Namikawa, Kazuhiko et al., "Akt/Protein Kinase B Prevents Injury-Induced Motoneuron Death and Accelerates Axonal Regeneration." The Journal of Neuroscience, 20(8), 2875-2886 (2000)	
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	CL3	Noell, C.W. et al., "Potential Purine Antagonists. XX. The Preparation and Reactions of Some Methylthiopurines", J. Am. Chem. Soc., 81(22), 5997 – 6007 (1959).	
	CM3	Nomenclature found from http://www.cem.msu.edu/~reusch/VirtualText/nomen1.htm (last visited on November 18, 2007).	
	CN3	Norman, M.H. et al., "Structure-Activity Relationships of a Series of Pyrrolo[3,2-d]pyrimidine Derivatives and Related Compounds as Neuropeptide Y5 Receptor Antagonists", J. Med. Chem., 43(22), 4288 -4312 (2000).	
	CO3	Nugent, R.A. et al., "Pyrimidine Thioethers: A Novel Class of HIV-1 Reverse Transcriptase Inhibitors with Activity Against BHAP-Resistant HIV", J. Med. Chem., 41, 3793-3803 (1998).	
	CP3	Okafor, Charles O., "Studies in the Heterocyclic Series. 1,3,9-Triazaphenothiazine Ring System, a New Phenothiazine Ring," *J. Org. Chem.*, 40(19):2753-2755 (1975).	
	CQ3	Parnell, E.W., "2-Cyano-4-nitrophenylhydrazine and 3-Amino-5-nitroindazole", J. Chem. Soc., 2363-2365 (1959).	
	CR3	Pei, J. et al., "Distribution, Levels, and Activity of Glycogen Synthase Kinase-3 in the Alzheimer Disease Brain", J. Neuropathol. Exp. Neurology, 56, 70-78 (1997)	
	CS3	Prasad, G. et al., "18-Crown-6 as a catalyst in the dialkylation of o-nitrophenacyl derivatives", J. Org. Chem., 25, 7188-7190 (1991).	
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	CZ3	Simone, J.V., "Oncology: Introduction" in Cecil Textbook in Medicine, 20th ed., Vol. 1, 1004-1010 (1996).	
	CA4	Singh, S.P. et al., "Synthesis & Mass Spectra of Some Substituted 2-(2'-Benzazolylamino)pyrimidines", Indian J. Chem. Sect. B, 22(1); 37-42 (1983).	
	CB4	Singhal, N. et al., "Synthesis and Antimalarial Activity of Some New Quinazoline Derivatives", Indian Chem. Soc., 61, 690-693 (1984).	
	CC4	Sivaraman, V.S., et al., "Hyperexpression of Mitogen-activated Protein Kinase in Human Breast Cancer", J. Clin. Invest., 99(7), 1478-1483 (1997).	
	CD4	Soriano, P. et al., "Targeted Disruption of the C-SRC Proto-Oncogene Leads to Osteopetrosis in Mice," Cell, 64: 693-702, (1991).	
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	CI4	Talamonti, M.S. et al., "Increase in activity and level of pp60c-src in progressive stages of human colorectal cancer", J Clin Invest., 91(1): 53-60 (1993).	
	CJ4	Tanaka, T.U. et al., "Evidence that the Ipl1-Sli15 (Aurora Kinase-INCENP) Complex Promotes Chromosome Bi-orientation by Altering Kinetochore-Spindle Pole Connections," Cell, 108, 317-329 (2002).	
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	CM4	Ti, J. et al., "Anticandidal activity of pyrimidine-peptide conjugates", J. Med. Chem., 23(8), 913 – 918 (1980).	
	CN4	Toriyabe, Keiji et al: "Preparation of sulfur-containing arylthiazoles and insecticides", Chemica Abstracts, 132(8):93314 (2000).	
	CO4	Traxler P. et al., "Use of a pharmacophore model for the design of EGF-R Tyrosine Kinase Inhibitors: 4-(Phenylamino)Pyrazolo[3, 4-d]pyrimidines," *Journal of Medicinal Chemistry*, 40(22): 3601-3616 (1997)	
	CP4	Venugopalan, B. et al., "Synthesis and antimalarial activity of pyrido[3,2-f)quinozalines and their N-oxides", Indian J. Chem. Sect. B, 34, 9, 778-790 (1995).	
	CQ4	Wagman, A.S. et all, "Discovery and Development of GSK3 Inhibitors for the Treatment of Type 2 Diabetes," Current Pharmaceutical Design, 10, 1105-1137 (2004).	
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